

## CLAIMS

What the invention claimed is:

1. A method in a computer system for reducing the risk of adverse clinical events when administering multiple medications to a patient, comprising:  
  
    associating a first medication with a first attachment;  
  
    associating a second medication with the first attachment; and  
  
    determining whether the medications are compatible with one another, if so, generating an alert.
2. The method of claim 1, wherein the attachment is an intravenous (IV) line.
3. The method of claim 1, further comprising receiving orders for the first and second medications.
4. The method of claim 3, wherein the first medication order is received by displaying a representation of at least a portion of a human body and a first graphical indicia indicative of the location of the attachment on the patient, and receiving a user selection of the first graphical indicia.
5. The method of claim 4, further comprising receiving order details for the first medication after the user selection is received.
6. The method of claim 4, wherein the first graphical indicia is an icon.

7. The method of claim 3, further comprising displaying a plurality of graphical indicia indicative of the locations of a plurality of attachments on the patient.

8. A computerized system for reducing the risk of adverse clinical events when administering multiple medications to a patient, comprising:

a first associating module for associating a first medication with a first attachment;

a second associating module for associating a second medication with the first attachment; and

a determining module for determining whether the medications are compatible with one another, if so, generating an alert.

9. The system of claim 8, wherein the attachment is an intravenous (IV) line.

10. The system of claim 8, further comprising:

a receiving module for receiving orders for the first and second medications.

11. The system of claim 10, wherein the first medication order is received by displaying a representation of at least a portion of a human body and a first graphical indicia indicative of the location of the attachment on the patient, and receiving a user selection of the first graphical indicia.

12. The system of claim 11, wherein the receiving module receives order details for the first medication after the user selection is received.

13. The system of claim 11, wherein the first graphical indicia is an icon.
14. The system of claim 10, further comprising:
  - a displaying module for displaying a plurality of graphical indicia indicative of the locations of a plurality of attachments on the patient.
15. A computer-readable medium having computer-executable instructions for performing a method, the method comprising:
  - associating a first medication with a first attachment;
  - associating a second medication with the first attachment, and
  - determining whether the medications are compatible with one another, if so, generating an alert.
16. The method of claim 15, wherein the attachment is an intravenous (IV) line.
17. The method of claim 15, further comprising receiving orders for the first and second medications.
18. The method of claim 17, wherein the first medication order is received by displaying a representation of at least a portion of a human body and a first graphical indicia indicative of the location of the attachment on the patient, and receiving a user selection of the first graphical indicia.
19. The method of claim 18, further comprising receiving order details for the first medication after the user selection is received.

20. The method of claim 19, wherein the first graphical indicia is an icon.

21. The method of claim 17, further comprising displaying a plurality of graphical indicia indicative of the locations of a plurality of attachments on the patient.